<!doctype html>

<html lang="en">

<head>

<meta charset="utf-8" />

<meta name="viewport" content="width=device-width,initial-scale=1" />

<title>One‑Page Site with Lightbox Gallery</title>

<style>

:root{--bg:#0f1724;--card:#0b1220;--accent:#10b981;color-scheme:dark}

\*{box-sizing:border-box}

body{font-family:system-ui,-apple-system,Segoe UI,Roboto,"Helvetica Neue",Arial;margin:0;background:var(--bg);color:#e6eef6;line-height:1.4}

.wrap{max-width:1100px;margin:40px auto;padding:24px}

h1{text-align:center;margin-top:0}

/\* Gallery grid \*/

.gallery{display:grid;grid-template-columns:repeat(auto-fit,minmax(160px,1fr));gap:12px}

.gallery button{background:none;border:0;padding:0;cursor:pointer;border-radius:10px;overflow:hidden;display:block}

.gallery img{width:100%;height:140px;object-fit:cover;display:block;transition:transform .25s ease}

.gallery button:focus img{outline:3px solid rgba(16,185,129,.18);transform:scale(1.03)}

/\* Modal / Lightbox \*/

.lightbox{position:fixed;inset:0;display:none;align-items:center;justify-content:center;background:rgba(2,6,23,.8);z-index:1200}

.lightbox.open{display:flex}

.lb-content{position:relative;max-width:95%;max-height:92%;width:980px;background:linear-gradient(180deg,rgba(255,255,255,.02),transparent);border-radius:12px;padding:18px;display:flex;flex-direction:column;gap:12px}

.lb-stage{display:flex;align-items:center;justify-content:center;min-height:280px;max-height:68vh}

.lb-stage img{max-width:100%;max-height:100%;border-radius:8px;object-fit:contain;display:block}

.caption{font-size:0.95rem;color:#cfeee2}

/\* Controls \*/

.controls{display:flex;gap:8px;align-items:center;justify-content:space-between}

.btn{background:rgba(255,255,255,.04);border:1px solid rgba(255,255,255,.06);color:inherit;padding:8px 12px;border-radius:10px;cursor:pointer}

.btn:focus{outline:3px solid rgba(16,185,129,.18)}

.nav{display:flex;gap:8px}

.nav .icon{font-size:1.1rem}

/\* Prev/Next floating buttons \*/

.nav-floating{position:absolute;left:10px;right:10px;top:50%;transform:translateY(-50%);display:flex;justify-content:space-between;pointer-events:none}

.nav-floating button{pointer-events:auto;background:rgba(0,0,0,.35);border:0;color:#fff;padding:10px;border-radius:50%;backdrop-filter:blur(4px)}

/\* Responsive tweaks \*/

@media (max-width:640px){

.gallery img{height:110px}

.lb-content{width:95%;padding:12px}

}

</style>

</head>

<body>

<main class="wrap">

<h1>Project — Image Gallery (Lightbox)</h1>

<p style="text-align:center;opacity:.85">Click any image to open the lightbox. Use the arrow keys to navigate, Esc to close.</p>

<section class="gallery" aria-label="Project images">

<!-- Replace the src values with your local image paths or project images -->

<button data-index="0" aria-label="Open image 1"><img src="https://picsum.photos/id/1018/800/600" alt="Mountains at sunrise" data-caption="Mountains at sunrise"></button>

<button data-index="1" aria-label="Open image 2"><img src="https://picsum.photos/id/1025/800/600" alt="Golden retriever" data-caption="Happy golden retriever"></button>

<button data-index="2" aria-label="Open image 3"><img src="https://picsum.photos/id/1027/800/600" alt="Urban skyline" data-caption="City skyline at dusk"></button>

<button data-index="3" aria-label="Open image 4"><img src="https://picsum.photos/id/1035/800/600" alt="Forest trail" data-caption="Misty forest trail"></button>

<button data-index="4" aria-label="Open image 5"><img src="https://picsum.photos/id/1069/800/600" alt="Beach" data-caption="Waves on a quiet beach"></button>

<button data-index="5" aria-label="Open image 6"><img src="https://picsum.photos/id/1074/800/600" alt="Desert" data-caption="Desert dunes at golden hour"></button>

</section>

</main>

<!-- Lightbox modal -->

<div class="lightbox" role="dialog" aria-modal="true" aria-hidden="true" id="lightbox">

<div class="lb-content" role="document">

<div class="lb-stage" id="lb-stage">

<img src="" alt="" id="lb-image">

<div class="nav-floating" aria-hidden="true">

<button id="prev-btn" title="Previous (Left arrow)" aria-label="Previous image">◀</button>

<button id="next-btn" title="Next (Right arrow)" aria-label="Next image">▶</button>

</div>

</div>

<div class="controls">

<div class="caption" id="lb-caption"></div>

<div class="nav">

<button class="btn" id="download-btn">Download</button>

<button class="btn" id="close-btn">Close</button>

</div>

</div>

</div>

</div>

<script>

(function(){

const gallery = document.querySelectorAll('.gallery button');

const lightbox = document.getElementById('lightbox');

const lbImage = document.getElementById('lb-image');

const lbCaption = document.getElementById('lb-caption');

const closeBtn = document.getElementById('close-btn');

const prevBtn = document.getElementById('prev-btn');

const nextBtn = document.getElementById('next-btn');

const downloadBtn = document.getElementById('download-btn');

let currentIndex = 0;

const items = Array.from(gallery).map(btn => {

const img = btn.querySelector('img');

return {src: img.src, alt: img.alt || '', caption: img.dataset.caption || ''};

});

function open(index){

currentIndex = index;

show(currentIndex);

lightbox.classList.add('open');

lightbox.setAttribute('aria-hidden','false');

document.body.style.overflow = 'hidden'; // prevent background scroll

// focus management: move focus to close button

closeBtn.focus();

}

function close(){

lightbox.classList.remove('open');

lightbox.setAttribute('aria-hidden','true');

document.body.style.overflow = '';

// return focus to the last thumbnail

const thumb = document.querySelector(`.gallery button[data-index="${currentIndex}"]`);

if(thumb) thumb.focus();

}

function show(index){

const item = items[index];

lbImage.src = item.src;

lbImage.alt = item.alt;

lbCaption.textContent = item.caption || `Image ${index+1} of ${items.length}`;

// update download link

downloadBtn.onclick = () => { const a = document.createElement('a'); a.href = item.src; a.download = item.src.split('/').pop() || `image-${index+1}.jpg`; document.body.appendChild(a); a.click(); a.remove(); };

}

function next(){ currentIndex = (currentIndex+1) % items.length; show(currentIndex); }

function prev(){ currentIndex = (currentIndex-1 + items.length) % items.length; show(currentIndex); }

// Attach listeners

gallery.forEach((btn,i)=> btn.addEventListener('click', ()=> open(i)));

closeBtn.addEventListener('click', close);

nextBtn.addEventListener('click', next);

prevBtn.addEventListener('click', prev);

// close on backdrop click (but not when clicking inside lb-content)

lightbox.addEventListener('click', (e)=>{ if(e.target === lightbox) close(); });

// keyboard navigation

document.addEventListener('keydown', (e)=>{

if(lightbox.classList.contains('open')){

if(e.key === 'Escape') close();

if(e.key === 'ArrowRight') next();

if(e.key === 'ArrowLeft') prev();

}

});

// accessibility: trap focus inside modal (simple)

lightbox.addEventListener('keydown', (e)=>{

if(e.key === 'Tab'){

const focusable = lightbox.querySelectorAll('button, [href], input, select, textarea, [tabindex]:not([tabindex="-1"])');

if(focusable.length === 0) return;

const first = focusable[0];

const last = focusable[focusable.length-1];

if(e.shiftKey && document.activeElement === first){ e.preventDefault(); last.focus(); }

else if(!e.shiftKey && document.activeElement === last){ e.preventDefault(); first.focus(); }

}

});

// make sure images resize smoothly

lbImage.addEventListener('load', ()=>{ /\* placeholder for potential transitions \*/ });

// expose to window for debugging (optional)

window.lightboxGallery = {open,close,next,prev};

})();

</script>

</body>

</html>